

PRODUCT SHEET

Adjuvants, Nutritionals, Carbon Nutritionals, Nitrogen Stabilizers and Post Patent Crop Protection. Prices available upon request.

ADJUVANTS

Product	Description	Package Size	Recommended Rate	Benefit Package
Tempus COC	Premium Crop Oil Concentrate	(2X2.5/270)	1 qt/ac. See label for exact rate and mixing instructions.	Used to improve the effectiveness of pesticides, such as herbicides, by helping them penetrate through waxy or hairy leaf surfaces. COCs can also help with spray coverage and retention, and reduce evaporation.
Hi Load COC	High load	(2X2.5/270)	4-8 oz./100 gal.	Premium High Load Crop Oil Concentrate
Tempus 90/10	Premium 90/10 Nonionic Low Foam Wetter/Spreader Surfactant	(2X2.5/270)	1/2-4 pts./100 gal.	Increases the spread and retention of spray droplets for crop protection products. Improves efficiency of applications by reducing the runoff from leaf surfaces.
Tempus 80/20	Premium 80/20 Nonionic Low Foam Wetter/Spreader Surfactant	(2X2.5/270)	1/2-4 pts./100 gal.	Increases the spread and retention of spray droplets for crop protection products. Improves efficiency of applications by reducing the runoff from leaf surfaces.
Cutter	30% Defoaming Agent	(4X1, Gallons)	1-2 oz./100 gal.	Used to prevent and/or reduce tank mix foaming. Aids in the more complete homogenization of tank mix products.
Tempus MSO	Premium Methylated Seed Oil Surfactant	(2X2.5/270)	See Label	Used to solubilize the cuticular surface and enhance the transport of herbicides.
Tempus 60/40	Premium High Load Seed Oil Surfactant	(2X2.5/270)	4-8 oz/ac.	Concentrated MSO that is low use rate, enhancing the efficacy of herbicides and insecticides.
Tempus Trifecta	Valent Regiment Herbicide Approved Adjuvant	(2X2.5/270)	1% by Volume	Valent's Regiment Approved Adjuvant. UAN included. Wetter spreader, Deposition Aid, NIS
BlendGuard	Compatibility Agent - Buffer & Spreader	(2X2.5/270)	2-3 pts./100 gal.	Used to solve tank mix issues as well as increase buffering and spreading of pesticides
Tempus 700	NIS, Penetrant, Acidifier, Deposition Aid, pH Buffer, & Drift Control Agent	(2X2.5/270)	8-16 oz/100 gal.	Used to enhance activity and effectiveness and can be used to lower pH of spray solutions.
Tempus DF	Deposition Aid	(2X2.5/270)	8-10 oz./ac.	Premium Deposition Aid, Penetrant, & Drift Control Agent
Stunner	34% AMS Conditioning Blend, Defoamer	(2X2.5/270)	1-2 qts/100 gal.	Tank mix conditioning blend to enhance the performance of herbicide applications and reduce the antagonism of calcium ions present in tank mix solutions.

Stunner PLUS	34% AMS Conditioning Blend, Defoamer, NIS, AntiDrift	(2X2.5/270)	1-2 qts/100 gal.	Premium, complete blend of translocating, defoaming, spreading and drift agents used in herbicide and pesticide mixes. Helps with the absorption of chemistries to increase effectiveness and performance.
Stunner PM	Surfactant, humectant, water conditioner and AntiDrift	(2X2.5/270)	2-5 oz/acre or 0.125 - 0.25% v/v.	Blend of surfactants, humectants and water conditioner (ammonium sulfate), designed to be blended with liquid AMS or tank mixed with dry AMS.

NUTRITIONALS

Product	Description	Package Size	Recommended Rate	Benefit Package
K-ameo	(0-0-23) Derived from Potassium Acetate	(2X2.5/270)	1-6 qts./ac. Foliar/ In-Furrow	Prevent/treat potash deficiency. Aids photosynthetic functions and maintains good cell membrane structure and stock strength.
Podplex	(5-0-12 , 0.5% B, 1.5% MN, 1% C) Derived from Potassium Acetate, Urea, Leonardite, Boric Acid, Manganese EDTA	(2X2.5/270)	1-3 qts./ac. Foliar/1 qt./ac. In-Furrow	Complete nutrient package which provides essential distribution to aid in plant growth and energy for soybean production. Early growth benefits as well as macro nutrient metabolism.
PowerPlex	(8-13-3) Derived from Urea, Ammonium Polyphosphate, Potassium Acetate, Leonardite	(2X2.5/270)	1-2 qts./ac. Foliar/1 qt./ac. In-Furrow	Designed to provide a balance and supplemental boost of macronutrients. Supports needs in stalks, leaves and grain (late season).

Borplex	8.5% Boron Derived from Boric Acid	(2X2.5/270)	8-32 oz./ac. Foliar/8-16 oz./ac. In-Furrow	Prevents/treats boron deficiency. Essential for all plant growth. Known to promote flowering, pollen germination, grain fill and yield. Used when B is immobile in soil and needs to boost B ppm levels. (Foliar)
Suplex	(9-0-0 , 19% Sulfur) Derived from Ammonium Thiosulfate	(2X2.5/270)	1-2 pts./ac. Foliar	Sulphur plays a key role in protein synthesis and plant development and nitrogen fixation. Used to treat and prevent sulfur deficiency.

CARBON NUTRITIONALS

Product	Description	Package Size	Recommended Rate	Benefit Package
Tempus Carbon - B	5% Boron , 4% Carbon Derived from Boric Acid and Leonardite	(2X2.5/270)	Soil and Foliar Applications - Check label	Excellent promoter of micronutrient uptake by providing soil with energy to break down organic matter and maximize yields. Aids in reducing soil compaction. Boron is added to play a major role in cell wall biosynthesis.
Tempus Carbon-K	(1-0-24, 2% Sulfur, 5% Carbon) Derived from Potassium Acetate, Ammonium Thiosulfate, & Leonardite	(2X2.5/270)	Soil and Foliar Applications - Check label	Potash delivery to the soil or foliar in addition to Sulphur and Carbon. Increases the impact of nutrient availability and soil microbial energy.

Tempus Carbon-S	(8-0-2, 18% Sulfur, 6% Carbon) Derived from Potassium Hydroxide, Ammonium Thiosulfate, & Leonardite	(2X2.5/270)	Soil and Foliar Applications - Check label	Nitrogen and potash as well as 18% sulphur and Carbon delivery. Increases the impact of nutrient availability and soil microbial energy.
Carbon Xtra	(2-4-13, 3% Sulfur, 13% Carbon) Derived from Potassium Hydroxide, Phosphoric Acid, Ammonium Sulfate, & Leonardite	(2X2.5/270)	2-5 gal./ac. Soil Applied	Delivers a complete NPK macro load and 3% sulphur and high rate of carbon added to aid in critical plant functions. Increases the impact of nutrient availability and soil microbial energy
Tempus Black 22	(0-0-4, 22% Carbon) Derived from Potassium Hydroxide and Leonardite)	(2X2.5/270)	2-5 gal./ac. Soil Applied	Increases the impact of nutrient availability and soil microbial energy. Encourages root mass increases by conditioning the soil for better nutrient mineralization. Sustains overall resistance to environmental stressors.
MicroNova	Biologicals, 15% Carbon, Amino Acids	(2X2.5/270)	1-2 qts./ac. Foliar, In-Furrow	Proprietary formulated fertilizer with bioenhancements including beneficial bacteria to boost biological soil fertility, plant health and vigor. It also contains Carbon and 18 amino acids, which may aid in the uptake of mineral nutrients by plants,

NITROGEN STABILIZERS

Product	Description	Package Size	Recommended Rate	Benefit Package
Nitroplex	26.7% NBPT	(2X2.5/270)	See Label	Nitrogen stabilizer used as a fertilizer additive to reduce nitrogen loss through ammonia volatilization. Urease Inhibitor that prevents the enzyme urease from converting urea into ammonium protecting it from atmospheric loss.
Tempus Dual Action	10% NBPT, 6% DCD	(2X2.5/270)	See Label	Above and below ground nitrogen protection formulated for Urea or UAN products. Aids in maintaining more N in the root zone to increase the uptake and utilization. Prevents nitrogen from converting into ammonia gas, nitrates or nitrous oxide.
Tempus NitroLOCK	Protection for NH ₃ or liquid fertilizer solutions	(2X2.5/270)	See Label	Provides protection against loss by volatilization, nitrification and leaching of anhydrous ammonia and liquid fertilizer applications. Calcium-polymer technology is safe to soil microbes and non-corrosive.

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